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FILE 'HOME' ENTERED AT 12:45:02 ON 28 APR 2008

=> fil .bec
COST IN U.S. DOLLARS                                  SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.21       0.21

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,
       ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 12:45:22 ON 28 APR 2008
ALL COPYRIGHTS AND RESTRICTIONS APPLY.  SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s transcription or translation or protein synthesis
FILE 'MEDLINE'
        319828 TRANSCRIPTION
         51617 TRANSLATION
       1786320 PROTEIN
        476976 SYNTHESIS
         55102 PROTEIN SYNTHESIS
                 (PROTEIN(W)SYNTHESIS)
L1      399624 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'SCISEARCH'
        257479 TRANSCRIPTION
         62388 TRANSLATION
       1503123 PROTEIN
        850720 SYNTHESIS
         47657 PROTEIN SYNTHESIS
                 (PROTEIN(W)SYNTHESIS)
L2      345152 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'LIFESCI'
        141944 TRANSCRIPTION
         30041 TRANSLATION
        603622 "PROTEIN"
        123399 "SYNTHESIS"
         18035 PROTEIN SYNTHESIS
                 ("PROTEIN"(W)"SYNTHESIS")
L3      175877 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'BIOTECHDS'
         23463 TRANSCRIPTION
          6809 TRANSLATION
        171660 PROTEIN
         26748 SYNTHESIS
          1601 PROTEIN SYNTHESIS
                 (PROTEIN(W)SYNTHESIS)
L4       28718 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'BIOSIS'
        274636 TRANSCRIPTION
         96152 TRANSLATION
       1840766 PROTEIN
        636841 SYNTHESIS
         81630 PROTEIN SYNTHESIS
                 (PROTEIN(W)SYNTHESIS)
L5      423768 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'EMBASE'
```

```
        319829 TRANSCRIPTION
         51454 TRANSLATION
       1764251 "PROTEIN"
        620884 "SYNTHESIS"
         92855 PROTEIN SYNTHESIS
                 ("PROTEIN"(W)"SYNTHESIS")
L6      429067 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'HCAPLUS'
        388166 TRANSCRIPTION
        651462 TRANSLATION
       2145651 PROTEIN
       1385577 SYNTHESIS
         75733 PROTEIN SYNTHESIS
                 (PROTEIN(W)SYNTHESIS)
L7     1070872 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'NTIS'
          2370 TRANSCRIPTION
         64655 TRANSLATION
         14808 PROTEIN
         36370 SYNTHESIS
           636 PROTEIN SYNTHESIS
                 (PROTEIN(W)SYNTHESIS)
L8       67447 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'ESBIOBASE'
        150613 TRANSCRIPTION
         27115 TRANSLATION
        764458 PROTEIN
        190996 SYNTHESIS
         44977 PROTEIN SYNTHESIS
                 (PROTEIN(W)SYNTHESIS)
L9      198073 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'BIOTECHNO'
        160885 TRANSCRIPTION
         25603 TRANSLATION
        623255 PROTEIN
        144368 SYNTHESIS
         32236 PROTEIN SYNTHESIS
                 (PROTEIN(W)SYNTHESIS)
L10     200107 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

FILE 'WPIDS'
         20478 TRANSCRIPTION
         35175 TRANSLATION
        175284 PROTEIN
        106103 SYNTHESIS
          1633 PROTEIN SYNTHESIS
                 (PROTEIN(W)SYNTHESIS)
L11      54140 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

TOTAL FOR ALL FILES
L12    3392845 TRANSCRIPTION OR TRANSLATION OR PROTEIN SYNTHESIS

=> s l12(5a)(in vitro or cell free) or itt
FILE 'MEDLINE'
      12059565 IN
        645204 VITRO
        644845 IN VITRO
                 (IN(W)VITRO)
```

```
       2262240 CELL
        538285 FREE
         33859 CELL FREE
                 (CELL(W)FREE)
         17090 L1 (5A)(IN VITRO OR CELL FREE)
          1257 ITT
L13       18344 L1 (5A)(IN VITRO OR CELL FREE) OR ITT

FILE 'SCISEARCH'
      16631974 IN
        559687 VITRO
        555393 IN VITRO
                 (IN(W)VITRO)
       1801864 CELL
        708540 FREE
         18765 CELL FREE
                 (CELL(W)FREE)
         10611 L2 (5A)(IN VITRO OR CELL FREE)
          1383 ITT
L14       11990 L2 (5A)(IN VITRO OR CELL FREE) OR ITT

FILE 'LIFESCI'
        229307 IN VITRO
                 ("VITRO")
        625764 "CELL"
        117122 "FREE"
         11008 CELL FREE
                 ("CELL"(W)"FREE")
          9949 L3 (5A)(IN VITRO OR CELL FREE)
           139 ITT
L15       10086 L3 (5A)(IN VITRO OR CELL FREE) OR ITT

FILE 'BIOTECHDS'
         32822 IN VITRO
                 (VITRO)
        189333 CELL
         30383 FREE
          4901 CELL FREE
                 (CELL(W)FREE)
          1726 L4 (5A)(IN VITRO OR CELL FREE)
            12 ITT
L16        1738 L4 (5A)(IN VITRO OR CELL FREE) OR ITT

FILE 'BIOSIS'
        770903 IN VITRO
                 (VITRO)
       4154458 CELL
        583983 FREE
         32544 CELL FREE
                 (CELL(W)FREE)
         19902 L5 (5A)(IN VITRO OR CELL FREE)
          1141 ITT
L17       21040 L5 (5A)(IN VITRO OR CELL FREE) OR ITT

FILE 'EMBASE'
       9809787 "IN"
       1034413 "VITRO"
       1034122 IN VITRO
                 ("IN"(W)"VITRO")
       2965451 "CELL"
        445899 "FREE"
         20136 CELL FREE
```

```
                ("CELL"(W)"FREE")
         13630 L6 (5A)(IN VITRO OR CELL FREE)
          1290 ITT
L18      14917 L6 (5A)(IN VITRO OR CELL FREE) OR ITT

FILE 'HCAPLUS'
        702372 IN VITRO
                (VITRO)
       2383910 CELL
       1372448 FREE
         37955 CELL FREE
                (CELL(W)FREE)
         22924 L7 (5A)(IN VITRO OR CELL FREE)
           890 ITT
L19      23811 L7 (5A)(IN VITRO OR CELL FREE) OR ITT

FILE 'NTIS'
       1831239 IN
          9572 VITRO
          9482 IN VITRO
                (IN(W)VITRO)
         53442 CELL
         63521 FREE
           367 CELL FREE
                (CELL(W)FREE)
           134 L8 (5A)(IN VITRO OR CELL FREE)
           175 ITT
L20        309 L8 (5A)(IN VITRO OR CELL FREE) OR ITT

FILE 'ESBIOBASE'
       3450358 IN
        251459 VITRO
        251198 IN VITRO
                (IN(W)VITRO)
        926057 CELL
        181025 FREE
          8336 CELL FREE
                (CELL(W)FREE)
          6751 L9 (5A)(IN VITRO OR CELL FREE)
           536 ITT
L21       7283 L9 (5A)(IN VITRO OR CELL FREE) OR ITT

FILE 'BIOTECHNO'
       1588351 IN
        253158 VITRO
        253028 IN VITRO
                (IN(W)VITRO)
        822843 CELL
         81349 FREE
          9281 CELL FREE
                (CELL(W)FREE)
          9667 L10(5A)(IN VITRO OR CELL FREE)
            93 ITT
L22       9758 L10(5A)(IN VITRO OR CELL FREE) OR ITT

FILE 'WPIDS'
      11756504 IN
         34744 VITRO
         34447 IN VITRO
                (IN(W)VITRO)
        497957 CELL
        580340 FREE
```

```
          3354 CELL FREE
                 (CELL(W)FREE)
          1324 L11(5A)(IN VITRO OR CELL FREE)
            65 ITT
L23       1388 L11(5A)(IN VITRO OR CELL FREE) OR ITT

TOTAL FOR ALL FILES
L24     120664 L12(5A)(IN VITRO OR CELL FREE) OR ITT

=> s (nuclease# or ribonuclease# or deoxyribonuclease# or rnase## or
dnase##)(4a)inhibit?
FILE 'MEDLINE'
         17546 NUCLEASE#
         29828 RIBONUCLEASE#
         26636 DEOXYRIBONUCLEASE#
         15369 RNASE##
         12015 DNASE##
       1415562 INHIBIT?
L25       2454 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
               DNASE##)(4A)INHIBIT?

FILE 'SCISEARCH'
         12758 NUCLEASE#
         13684 RIBONUCLEASE#
          2036 DEOXYRIBONUCLEASE#
         13525 RNASE##
          9389 DNASE##
       1209091 INHIBIT?
L26       1822 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
               DNASE##)(4A)INHIBIT?

FILE 'LIFESCI'
          8459 NUCLEASE#
          6751 RIBONUCLEASE#
          5321 DEOXYRIBONUCLEASE#
          8122 RNASE##
          6528 DNASE##
        395991 INHIBIT?
L27       1052 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
               DNASE##)(4A)INHIBIT?

FILE 'BIOTECHDS'
          2669 NUCLEASE#
           695 RIBONUCLEASE#
           139 DEOXYRIBONUCLEASE#
          1372 RNASE##
           753 DNASE##
         67947 INHIBIT?
L28        390 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
               DNASE##)(4A)INHIBIT?

FILE 'BIOSIS'
         26287 NUCLEASE#
         12094 RIBONUCLEASE#
          2123 DEOXYRIBONUCLEASE#
         29604 RNASE##
         18632 DNASE##
       1612033 INHIBIT?
L29       3422 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
               DNASE##)(4A)INHIBIT?

FILE 'EMBASE'
```

```
         12286 NUCLEASE#
         16788 RIBONUCLEASE#
          9271 DEOXYRIBONUCLEASE#
         13152 RNASE##
         10179 DNASE##
       1304052 INHIBIT?
L30       1870 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
               DNASE##)(4A)INHIBIT?

FILE 'HCAPLUS'
         26879 NUCLEASE#
         14092 RIBONUCLEASE#
         40309 RNASE
         45408 RIBONUCLEASE#
                 (RIBONUCLEASE# OR RNASE)
          3826 DEOXYRIBONUCLEASE#
         20787 DNASE
         22524 DEOXYRIBONUCLEASE#
                 (DEOXYRIBONUCLEASE# OR DNASE)
         41268 RNASE##
         21469 DNASE##
       2027557 INHIBIT?
L31       5574 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
               DNASE##)(4A)INHIBIT?

FILE 'NTIS'
           220 NUCLEASE#
           196 RIBONUCLEASE#
            47 DEOXYRIBONUCLEASE#
           100 RNASE##
            65 DNASE##
         22723 INHIBIT?
L32          29 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
               DNASE##)(4A)INHIBIT?

FILE 'ESBIOBASE'
          5302 NUCLEASE#
          6293 RIBONUCLEASE#
           565 DEOXYRIBONUCLEASE#
          8202 RNASE##
          5283 DNASE##
        553670 INHIBIT?
L33       1004 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
               DNASE##)(4A)INHIBIT?

FILE 'BIOTECHNO'
          7602 NUCLEASE#
          7816 RIBONUCLEASE#
          4089 DEOXYRIBONUCLEASE#
          8055 RNASE##
          6433 DNASE##
        301415 INHIBIT?
L34        886 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
               DNASE##)(4A)INHIBIT?

FILE 'WPIDS'
          2787 NUCLEASE#
          1188 RIBONUCLEASE#
          2183 RNASE
          3142 RIBONUCLEASE#
                 (RIBONUCLEASE# OR RNASE)
           299 DEOXYRIBONUCLEASE#
```

```
          1196 DNASE
          1446 DEOXYRIBONUCLEASE#
                 (DEOXYRIBONUCLEASE# OR DNASE)
          2441 RNASE##
          1384 DNASE##
        292296 INHIBIT?
L35        637 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
               DNASE##)(4A)INHIBIT?

TOTAL FOR ALL FILES
L36      19140 (NUCLEASE# OR RIBONUCLEASE# OR DEOXYRIBONUCLEASE# OR RNASE## OR
               DNASE##)(4A) INHIBIT?

=> s l24 and l36
FILE 'MEDLINE'
L37         88 L13 AND L25

FILE 'SCISEARCH'
L38         50 L14 AND L26

FILE 'LIFESCI'
L39         50 L15 AND L27

FILE 'BIOTECHDS'
L40         28 L16 AND L28

FILE 'BIOSIS'
L41        123 L17 AND L29

FILE 'EMBASE'
L42         65 L18 AND L30

FILE 'HCAPLUS'
L43        184 L19 AND L31

FILE 'NTIS'
L44          0 L20 AND L32

FILE 'ESBIOBASE'
L45         38 L21 AND L33

FILE 'BIOTECHNO'
L46         46 L22 AND L34

FILE 'WPIDS'
L47         61 L23 AND L35

TOTAL FOR ALL FILES
L48        733 L24 AND L36

=> s l48 not 2002-2008/py
FILE 'MEDLINE'
       3930231 2002-2008/PY
                 (20020000-20089999/PY)
L49         76 L37 NOT 2002-2008/PY

FILE 'SCISEARCH'
       7331961 2002-2008/PY
                 (20020000-20089999/PY)
L50         36 L38 NOT 2002-2008/PY

FILE 'LIFESCI'
```

```
        838463 2002-2008/PY
L51          39 L39 NOT 2002-2008/PY

FILE 'BIOTECHDS'
        160567 2002-2008/PY
L52           1 L40 NOT 2002-2008/PY

FILE 'BIOSIS'
       3584215 2002-2008/PY
L53          109 L41 NOT 2002-2008/PY

FILE 'EMBASE'
       3451515 2002-2008/PY
L54          55 L42 NOT 2002-2008/PY

FILE 'HCAPLUS'
       7654240 2002-2008/PY
L55         151 L43 NOT 2002-2008/PY

FILE 'NTIS'
        104313 2002-2008/PY
L56           0 L44 NOT 2002-2008/PY

FILE 'ESBIOBASE'
       1998782 2002-2008/PY
L57          25 L45 NOT 2002-2008/PY

FILE 'BIOTECHNO'
        244553 2002-2008/PY
L58          42 L46 NOT 2002-2008/PY

FILE 'WPIDS'
       6212711 2002-2008/PY
L59          17 L47 NOT 2002-2008/PY

TOTAL FOR ALL FILES
L60         551 L48 NOT 2002-2008/PY

=> dup rem l60
PROCESSING COMPLETED FOR L60
L61          205 DUP REM L60 (346 DUPLICATES REMOVED)

=> d tot

L61  ANSWER 1 OF 205  WPIDS COPYRIGHT 2008       THE THOMSON CORP on STN
TI   New nucleic acid encoding mammalian capping enzyme, useful for catalyzing
     formation of RNA 5'-terminal GpppN cap complex and in complementation
     assay to identify and/or monitor genetic defect in capping pathway
PI   US 6312926      B1 20011106 (200203)* EN  47[12]
IN   MALDONADO E; PILLUTLA R; REINBERG D; SHATKIN A J; YUE Z

L61  ANSWER 2 OF 205  WPIDS COPYRIGHT 2008       THE THOMSON CORP on STN
TI   Screening nucleic acids (NA) in pool of interest comprises pooling,
     expressing NA to form expression product pool and identifying NA in NA
     pool corresponding to expression product pool having interaction with
     target moiety
PI   US 6274321      B1 20010814 (200166)* EN  19[6]
IN   BLUMBERG B

L61  ANSWER 3 OF 205  WPIDS COPYRIGHT 2008       THE THOMSON CORP on STN
TI   Detecting viable Mycobacterium tuberculosis complex or DNA in clinical
     samples or in in vitro cultures comprises reverse
```

transcription-strand displacement amplification
PI US 6204026 B1 20010320 (200128)* EN 35[8]
IN CAVE M D; DESJARDIN L E; EISENACH K D

L61 ANSWER 4 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
TI Forming a DNA template for the production of mRNA comprises ligating a single-stranded DNA having a promoter, a restriction endonuclease cleavage site, an oligonucleotide dT sequence and a coding sequence to form a linear DNA catenate
PI US 6203984 B1 20010320 (200129)* EN 11[0]
IN HU Q; PENG A

L61 ANSWER 5 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
TI Generating a complete full-length cDNA library from single cells for use in gene chip technology, involves reverse transcribing intracellular mRNAs, adding polynucleotide tail and amplifying formed cDNAs
PI US 6197554 B1 20010306 (200125)* EN 11[2]
IN CHUONG C; LIN S; YING S

L61 ANSWER 6 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
TI Executioner caspase-3, -6, and -7 perform distinct, non-redundant roles during the demolition phase of apoptosis
SO Journal of Biological Chemistry (2001), 276(10), 7320-7326
CODEN: JBCHA3; ISSN: 0021-9258
AU Slee, Elizabeth A.; Adrain, Colin; Martin, Seamus J.
AN 2001:276527 HCAPLUS
DN 134:349517

L61 ANSWER 7 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
TI Quantification of in vitro retroviral replication using a one-tube real-time RT-PCR system incorporating direct RNA preparation
SO Journal of Virological Methods (2001), 91(2), 149-155
CODEN: JVMEDH; ISSN: 0166-0934
AU Bisset, L. R.; Bosbach, S.; Tomasik, Z.; Lutz, H.; Schupbach, J.; Boni, J.
AN 2001:74729 HCAPLUS
DN 135:221944

L61 ANSWER 8 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN DUPLICATE 1
TI Isolation of a novel deoxyribonuclease with antifungal activity from Asparagus officinalis seeds.
SO Biochemical and Biophysical Research Communications, (November 23, 2001) Vol. 289, No. 1, pp. 120-124. print.
CODEN: BBRCA9. ISSN: 0006-291X.
AU Wang, Hexiang; Ng, T. B. [Reprint author]
AN 2002:40724 BIOSIS

L61 ANSWER 9 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 2
TI RNA polymerase chain reaction for generating amplified mRNAs from limited mRNAs
SO PCT Int. Appl., 31 pp.
CODEN: PIXXD2
IN Lin, Shi-Lung; Ying, Shao-Yao; Chuong, Cheng-Ming; Widelitz, Randall Bruce
AN 2000:881343 HCAPLUS
DN 134:37905

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000075356	A1	20001214	WO 1999-US12461	19990604

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,

TT, UA, UG, US, UZ, VN, YU, ZW
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
AU 9943323 A 20001228 AU 1999-43323 19990604

L61 ANSWER 10 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
TI Production of polypeptide in cell-free protein synthesis system including the use of dialysis comprises forming product via translation or transcription/translation of encoded nucleic acid in concentrated cell extract
PI WO 2000036133 A1 20000622 (200037)* JA 24[3]
RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
W: CA US
JP 2000175695 A 20000627 (200042) JA 8
EP 1143009 A1 20011010 (200167) EN
R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
IN KIGAWA T; KIKAWA T; YABUKI T; YOKOYAMA S

L61 ANSWER 11 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
TI In vitro synthesis, translation and processing of newly synthesized peptides for production of mature proteins involves adding amphibian egg extract to a cell-free translation system
PI US 6103489 A 20000815 (200049)* EN 10[4]
IN ARAKAKI R; ZHOU X

L61 ANSWER 12 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
TI Protein production by in vitro biosynthesis uses affinity matrix with immobilized ligand molecules to aid proper folding
PI US 6033868 A 20000307 (200021)* EN 4[0]
IN MARSZAL E; SCOUTEN W H

L61 ANSWER 13 OF 205 MEDLINE on STN DUPLICATE 3
TI Specific chaperone-like activity of inhibitor of caspase-activated DNase for caspase-activated DNase.
SO The Journal of biological chemistry, (2000 Mar 17) Vol. 275, No. 11, pp. 8091-6.
Journal code: 2985121R. ISSN: 0021-9258.
AU Sakahira H; Iwamatsu A; Nagata S
AN 2000179917 MEDLINE

L61 ANSWER 14 OF 205 Elsevier BIOBASE COPYRIGHT 2008 Elsevier Science B.V. on STN
AN 2000214279 ESBIOBASE
TI First demonstration of lactoribonuclease, a ribonuclease from bovine milk with similarity to bovine pancreatic ribonuclease
AU Ye X.Y.; Ng T.B.
CS X.Y. Ye, Department of Biochemistry, Faculty of Medicine, Chinese University of Hong Kong, Shatin, New Territories, Hong Kong.
SO Life Sciences, (08 SEP 2000), 67/16 (2025-2032), 15 reference(s)
CODEN: LIFSAK ISSN: 0024-3205
PUI S0024320500007840
DT Journal; Article
CY United States
LA English
SL English

L61 ANSWER 15 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
TI Purification of a novel apolipoprotein H-like milk protein with ribonucleolytic and cell-free translation inhibitory activities

SO Life Sciences (2000), 67(8), 887-894
CODEN: LIFSAK; ISSN: 0024-3205
AU Ye, X. Y.; Ng, T. B.
AN 2000:531051 HCAPLUS
DN 133:234167

L61 ANSWER 16 OF 205 MEDLINE on STN DUPLICATE 4
TI Ribonuclease, cell-free translation
-inhibitory and superoxide radical scavenging activities of the
iron-binding protein lactoferrin from bovine milk.
SO The international journal of biochemistry & cell biology, (2000 Feb) Vol.
32, No. 2, pp. 235-41.
Journal code: 9508482. ISSN: 1357-2725.
AU Ye X Y; Wang H X; Liu F; Ng T B
AN 2000150665 MEDLINE

L61 ANSWER 17 OF 205 MEDLINE on STN DUPLICATE 5
TI Quinqueginsin, a novel protein with anti-human immunodeficiency virus,
antifungal, ribonuclease and cell-free
translation-inhibitory activities from American ginseng
roots.
SO Biochemical and biophysical research communications, (2000 Mar 5) Vol.
269, No. 1, pp. 203-8.
Journal code: 0372516. ISSN: 0006-291X.
AU Wang H X; Ng T B
AN 2000160473 MEDLINE

L61 ANSWER 18 OF 205 MEDLINE on STN DUPLICATE 6
TI Stabilization effect of zeolite on DHFR mRNA in a wheat germ cell
-free protein synthesis system.
SO Journal of bioscience and bioengineering, (2000) Vol. 89, No. 2, pp.
193-5.
Journal code: 100888800. ISSN: 1389-1723.
AU Jung G Y; Lee E Y; Kim Y; Jung B W; Kang S H; Choi C Y
AN 2005557039 MEDLINE

L61 ANSWER 19 OF 205 MEDLINE on STN DUPLICATE 7
TI Post-transcriptional regulation of rat CYP2E1 expression: role of CYP2E1
mRNA untranslated regions in control of translational efficiency and
message stability.
SO Archives of biochemistry and biophysics, (2000 Apr 1) Vol. 376, No. 1, pp.
180-90.
Journal code: 0372430. ISSN: 0003-9861.
AU Kocarek T A; Zangar R C; Novak R F
AN 2000195423 MEDLINE

L61 ANSWER 20 OF 205 MEDLINE on STN DUPLICATE 8
TI Dolichin, a new chitinase-like antifungal protein isolated from field
beans (Dolichos lablab).
SO Biochemical and biophysical research communications, (2000 Mar 5) Vol.
269, No. 1, pp. 155-9.
Journal code: 0372516. ISSN: 0006-291X.
AU Ye X Y; Wang H X; Ng T B
AN 2000160466 MEDLINE

L61 ANSWER 21 OF 205 MEDLINE on STN DUPLICATE 9
TI An easy cell-free protein synthesis
system dependent on the addition of crude Escherichia coli tRNA.
SO Journal of biochemistry, (2000 Jan) Vol. 127, No. 1, pp. 37-41.
Journal code: 0376600. ISSN: 0021-924X.
AU Kanda T; Takai K; Yokoyama S; Takaku H
AN 2000198205 MEDLINE

L61 ANSWER 22 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI Caspase-3 is the primary activator of apoptotic DNA fragmentation via DNA fragmentation factor-45/inhibitor of caspase-activated DNase inactivation.
SO Journal of Biological Chemistry, (Oct. 22, 1999) Vol. 274, No. 43, pp. 30651-30656. print.
CODEN: JBCHA3. ISSN: 0021-9258.
AU Wolf, Beni B. [Reprint author]; Schuler, Martin; Echeverri, Fernando; Green, Douglas R.
AN 2000:433616 BIOSIS

L61 ANSWER 23 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI Ribonuclease activity of rat liver perchloric acid-soluble protein, a potent inhibitor of protein synthesis.
SO Journal of Biological Chemistry, (July 16, 1999) Vol. 274, No. 29, pp. 20688-20692. print.
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L61 ANSWER 31 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
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RW: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
W: AU CA JP US
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EP 956364 A1 19991117 (199953) EN
R: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
JP 2000515761 W 20001128 (200065) JA 28
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L61 ANSWER 32 OF 205 MEDLINE on STN DUPLICATE 16
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L61 ANSWER 36 OF 205 MEDLINE on STN DUPLICATE 20
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DN 126:273139

L61 ANSWER 38 OF 205 SCISEARCH COPYRIGHT (c) 2008 The Thomson Corporation on STN DUPLICATE 21
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L61 ANSWER 39 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
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R: AT CH DE ES FR GB IT LI NL SE
JP 08256800 A 19961008 (199650) JA 8[0]
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L61 ANSWER 40 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
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PI DE 19503685 A1 19960801 (199636)* DE 12[4]
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DN 126:143375

L61 ANSWER 45 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
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CODEN: JKXXAF
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DN 123:81768

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PI JP 07147992	A	19950613	JP 1993-300493	19931130

L61 ANSWER 46 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
TI Purificn. of mRNA from cells - by extraction with a guanidine salt, dilution and separation by binding to oligo dT or oligo U
PI US 5459253 A 19951017 (199547)* EN 8[3]
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L61 ANSWER 47 OF 205 SCISEARCH COPYRIGHT (c) 2008 The Thomson Corporation on STN DUPLICATE 25
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L61 ANSWER 52 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
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CS Research and Development, 5 Prime - 3 Prime, Inc., 5603 Arapahoe Avenue, Boulder, CO 80303-1332, United States.
AN 1995173716 EMBASE

L61 ANSWER 54 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
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L61 ANSWER 55 OF 205 SCISEARCH COPYRIGHT (c) 2008 The Thomson Corporation

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L61 ANSWER 58 OF 205 SCISEARCH COPYRIGHT (c) 2008 The Thomson Corporation on STN DUPLICATE 30
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DN 122:181571

L61 ANSWER 60 OF 205 MEDLINE on STN DUPLICATE 31
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L61 ANSWER 61 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
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L61 ANSWER 62 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
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L61 ANSWER 63 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
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CODEN: PIXXD2
IN Thompson, David V.; Van Oosbree, Thomas R.
AN 1993:229729 HCAPLUS
DN 118:229729

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9307287	A1	19930415	WO 1992-US8518	19921007
W: AU, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
AU 9227921	A	19930503	AU 1992-27921	19921007
AU 660329	B2	19950622		
EP 566714	A1	19931027	EP 1992-922343	19921007
EP 566714	B1	19970102		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, SE				
JP 06503477	T	19940421	JP 1993-507150	19921007
JP 2904583	B2	19990614		
AT 147104	T	19970115	AT 1992-922343	19921007
ES 2097363	T3	19970401	ES 1992-922343	19921007

L61 ANSWER 64 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
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PI JP 05076381 A 19930330 (199317)* JA 4[1]
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CODEN: PHPLAI; ISSN: 0031-9317
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L61 ANSWER 67 OF 205 MEDLINE on STN DUPLICATE 33
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Journal code: 0217513. ISSN: 0006-3002.
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AN 93192291 MEDLINE

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TI Rapid and efficient purification of seed messenger RNA without phenol:chloroform extraction.
SO Seed Science Research, (1993) Vol. 3, No. 2, pp. 137-139.
ISSN: 0960-2585.
AU Pramanik, S. K. [Reprint author]; Reynolds, T. L.; Maclsaac, S. A.; Bewley, J. D.
AN 1993:432879 BIOSIS

L61 ANSWER 69 OF 205 MEDLINE on STN DUPLICATE 35
TI Characterization of ribonuclease H activities present in two cell-free protein synthesizing systems, the wheat germ extract and the rabbit reticulocyte lysate.
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Journal code: 1264604. ISSN: 0300-9084.
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AN 93277966 MEDLINE

L61 ANSWER 70 OF 205 MEDLINE on STN DUPLICATE 36
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Journal code: 9516291. ISSN: 1121-7138.
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L61 ANSWER 71 OF 205 MEDLINE on STN DUPLICATE 37
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L61 ANSWER 72 OF 205 MEDLINE on STN DUPLICATE 38
TI Translation inhibition by phosphorothioate oligodeoxynucleotides in cell-free systems.
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Journal code: 9110698. ISSN: 1050-5261.
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AN 93005522 MEDLINE

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L61 ANSWER 74 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
TI Method for obtaining polypeptides in a cell-free translation system
SO PCT Int. Appl., 16 pp.
CODEN: PIXXD2
IN Ovodov, S. Yu.; Baranov, V. I.; Alakhov, Yu. B.; Ryabova, L. A.
AN 1991:554530 HCAPLUS
DN 115:154530
OREF 115:26343a,26346a

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9102075	A1	19910221	WO 1990-SU145	19900605
W: BG, CA, FI, HU, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
CA 2064685	A1	19910201	CA 1990-2064685	19900605
CA 2064685	C	19960618		
EP 485608	A1	19920520	EP 1990-912889	19900605
EP 485608	B1	19951122		
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
JP 05505095	T	19930805	JP 1990-512062	19900605
JP 2891540	B2	19990517		
AT 130633	T	19951215	AT 1990-912889	19900605
US 5478730	A	19951226	US 1992-991757	19921216

L61 ANSWER 75 OF 205 WPIDS COPYRIGHT 2008 THE THOMSON CORP on STN
TI Polypeptide production in cell-free system - by translation of matrix RNA modified by alkylation
PI WO 9102074 A 19910221 (199110)* EN
RW: AT BE CH DE DK ES FR GB IT LU NL SE
W: BG CA FI HU JP US
IN ALAKHOV J B; OVODOV S J

L61 ANSWER 76 OF 205 MEDLINE on STN DUPLICATE 40
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Journal code: 2985121R. ISSN: 0021-9258.
AU Johansson H E; De Groot N; Hochberg A A; Hentze M W
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DN 115:107478
OREF 115:18293a,18296a

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Journal code: 8208664. ISSN: 0261-4189.
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AN 91216105 MEDLINE

L61 ANSWER 79 OF 205 SCISEARCH COPYRIGHT (c) 2008 The Thomson Corporation on STN DUPLICATE 42
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ISSN: 1040-4651.
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TI Purification of RNA
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CODEN: 59FGAZ
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9009456	A1	19900823	WO 1990-DE102	19900216
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
EP 458831	A1	19911204	EP 1990-903145	19900216
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				

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AU Davies, Jeffrey William; Cocking, Edward C.
AN 1967:43702 HCAPLUS
DN 66:43702
OREF 66:8279a,8282a

L61 ANSWER 199 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI Protein synthesis in mitochondria of normal and tumor-tissue in vitro [Engl. and Russ. summ.].
Original Title: Uber die Protein-synthesis in vitro von Mitochondrien aus Normal- und Tumorgeweben [Engl. and Russ. summ.].
SO ACTA BIOL MED GER, (1965) Vol. 15, No. 6, pp. 826-853.
AU GRAFFI, A.; BUTSCHAK, G.; SCHNEIDER, E. J.; KUHN, W.
AN 1967:29191 BIOSIS

L61 ANSWER 200 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN DUPLICATE 105
TI On the relationship between a post-microsomal fraction and polynucleotide-directed amino acid incorporation by rat-liver ribosomes.
SO BIOCHIM BIOPHYS ACTA, (1965) Vol. 108, No. 3, pp. 419-433.

AU MIZRAHI, I. J.
AN 1966:40243 BIOSIS

L61 ANSWER 201 OF 205 MEDLINE on STN
TI [Studies on the biosynthesis of proteins. VII. Activity of various desoxyribonucleic acids and ribonuclease inhibitors from rabbit reticulocytes in a cell-free protein synthesis system in Escherichia coli. DNA-dependent in vitro synthesis of "early proteins" of E. coliphages T4]. Untersuchungen zur Biosynthese der Proteine. VII. Aktivitat verschiedener Desoxyribonucleinsauren und eines Ribonucleaseinhibitors aus Kaninchenreticulocyten in einem zellfreien Proteinsynthese-System aus Escherichia coli. DNA-abhangige in vitro-Synthese "fruher Proteine" des E.-coli-Phagen T4.
SO Hoppe-Seyler's Zeitschrift fur physiologische Chemie, (1965) Vol. 343, No. 4, pp. 261-75.
Journal code: 2985060R. ISSN: 0018-4888.
AU Traub P; Zillig W; Millette R L; Schweiger M
AN 66153284 MEDLINE

L61 ANSWER 202 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN DUPLICATE 106
TI Relationship between cell-free synthesis of ornithine transcarbamylase and protein synthesis.
SO ARCH BIOCHEM BIOPHYS, (1965) Vol. 111, No. 1, pp. 39-53.
AU ROGERS, PALMER
AN 1965:103728 BIOSIS

L61 ANSWER 203 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI Nuclease inhibitors as a tool for studying their biological function.
SO ACTA UNIO INT CONTRA CANCR, (1964) Vol. 20, No. 4/5, pp. 899-901.
Meeting Info.: Eighth International Cancer Congress, Moscow, 22-28 July, 1962.
AU SHAPOT, V. S.
AN 1965:57385 BIOSIS

L61 ANSWER 204 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
TI Protein synthesis in [the human] brain microsomal system [in vitro]
SO Journal of Neurochemistry (1964), 11(6), 403-12
CODEN: JONRA9; ISSN: 0022-3042
AU Suzuki, Kunihiko; Korey, Saul R.; Terry, Robert D.
AN 1965:83631 HCAPLUS
DN 62:83631
OREF 62:14954f-h,14955a

L61 ANSWER 205 OF 205 HCAPLUS COPYRIGHT 2008 ACS on STN
TI The dependence of cell free protein synthesis upon naturally occurring or synthetic template RNA [ribonucleic acid]
SO Bulletin of the New York Academy of Medicine (1962), 38(2), 145
CODEN: BNYMAM; ISSN: 0028-7091
AU Nirenberg, Marshall W.; Matthaei, J. Heinrich
AN 1964:448966 HCAPLUS
DN 61:48966
OREF 61:8549c-e

=>
=> d ab 196,203

L61 ANSWER 196 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN DUPLICATE 104

AB The DNA from different sources differ considerably in their ability to initiate protein synthesis in a DNA-dependent cell-free system; DNA from T-phages, Bacillus subtilis phages-SP50, B. subtilis, B. megatherium and Haemo-philus influencae are very active; from E.coli and the replicativeform of phage [PHI] X174 moderately active; from E. coli phages- [lambda]c and-[lambda]vir, mammalian tissues and polyoma and papilloma virus practically inactive. The reasons for these differences are discussed. The hydrolysis by endogenous ribonucleases of mRNA synthesized in the system is inhibited by the addition of foreign RNA, (ribosomal RNA). The undesirable inhibition of the transcription process can be largely avoided if the transcription is started before the addition of the RNA. The stability of the RNA and the protein synthesis in the system are considerably increased by the addition of ribonuclease inhibitor from rabbit reticulocyte supernatant. The inhibitor is probably protein or nucleoprotein. B the DNA from E. coli phage-T4 is used as the template, amino-acids are incorporated into material with the antigenic properties of early protein" a precipitate is formed with phage anti-serum. ABSTRACT AUTHORS: Authors

L61 ANSWER 203 OF 205 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN

AB Polyvinyl sulfate (PVS) might be considered as a specific inhibitor of nucleases since it does not interfere with protein synthesis in animal cell-free system as well as with oxidative phosphorylation in ascites cancer cells. In this connection an attempt is made to find out whether the inhibition of nucleases influence the growth rate of 4 varieties of normal and 3 varieties of tumor tissues surviving as explants in tissue culture. Growth of normal tissues revealed an inhibition 2-5 times in the presence of PVS as well twofold decrease in the mitotic index. Tumors proved less susceptible to nuclease inhibition. ABSTRACT AUTHORS: From auth. summ

```
=> s recbc? or exov or (exo or exonuclease)(w)v
FILE 'MEDLINE'
           648 RECBC?
            20 EXOV
          4882 EXO
          4499 EXONUCLEASE
        465662 V
            99 (EXO OR EXONUCLEASE)(W)V
L62         715 RECBC? OR EXOV OR (EXO OR EXONUCLEASE)(W)V

FILE 'SCISEARCH'
           643 RECBC?
            12 EXOV
         11243 EXO
          4182 EXONUCLEASE
       1221892 V
            92 (EXO OR EXONUCLEASE)(W)V
L63         679 RECBC? OR EXOV OR (EXO OR EXONUCLEASE)(W)V

FILE 'LIFESCI'
           467 RECBC?
            12 EXOV
          3154 EXO
          2759 EXONUCLEASE
         89699 V
```

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            47 (EXO OR EXONUCLEASE)(W)V
L64        493 RECBC? OR EXOV OR (EXO OR EXONUCLEASE)(W)V

FILE 'BIOTECHDS'
            60 RECBC?
             3 EXOV
          1422 EXO
          1343 EXONUCLEASE
         29583 V
            20 (EXO OR EXONUCLEASE)(W)V
L65         78 RECBC? OR EXOV OR (EXO OR EXONUCLEASE)(W)V

FILE 'BIOSIS'
           717 RECBC?
            22 EXOV
          9052 EXO
          4936 EXONUCLEASE
        487558 V
           102 (EXO OR EXONUCLEASE)(W)V
L66        791 RECBC? OR EXOV OR (EXO OR EXONUCLEASE)(W)V

FILE 'EMBASE'
           512 RECBC?
            19 EXOV
          4981 EXO
          3995 EXONUCLEASE
        473778 V
            60 (EXO OR EXONUCLEASE)(W)V
L67        552 RECBC? OR EXOV OR (EXO OR EXONUCLEASE)(W)V

FILE 'HCAPLUS'
           804 RECBC?
            28 EXOV
         29703 EXO
          7466 EXONUCLEASE
       1147818 V
           223 (EXO OR EXONUCLEASE)(W)V
L68        962 RECBC? OR EXOV OR (EXO OR EXONUCLEASE)(W)V

FILE 'NTIS'
             7 RECBC?
             0 EXOV
           307 EXO
            44 EXONUCLEASE
         39892 V
             2 (EXO OR EXONUCLEASE)(W)V
L69          9 RECBC? OR EXOV OR (EXO OR EXONUCLEASE)(W)V

FILE 'ESBIOBASE'
           286 RECBC?
            12 EXOV
          2061 EXO
          1973 EXONUCLEASE
        319547 V
            14 (EXO OR EXONUCLEASE)(W)V
L70        296 RECBC? OR EXOV OR (EXO OR EXONUCLEASE)(W)V

FILE 'BIOTECHNO'
           354 RECBC?
            17 EXOV
          1171 EXO
          2485 EXONUCLEASE
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```
         99304 V
            39 (EXO OR EXONUCLEASE)(W)V
L71         373 RECBC? OR EXOV OR (EXO OR EXONUCLEASE)(W)V

FILE 'WPIDS'
            20 RECBC?
             1 EXOV
          2423 EXO
          1405 EXONUCLEASE
        313531 V
            18 (EXO OR EXONUCLEASE)(W)V
L72          38 RECBC? OR EXOV OR (EXO OR EXONUCLEASE)(W)V

TOTAL FOR ALL FILES
L73        4986 RECBC? OR EXOV OR (EXO OR EXONUCLEASE)(W) V

=> s l24 and l73
FILE 'MEDLINE'
L74           4 L13 AND L62

FILE 'SCISEARCH'
L75           3 L14 AND L63

FILE 'LIFESCI'
L76           5 L15 AND L64

FILE 'BIOTECHDS'
L77           3 L16 AND L65

FILE 'BIOSIS'
L78           3 L17 AND L66

FILE 'EMBASE'
L79           3 L18 AND L67

FILE 'HCAPLUS'
L80           6 L19 AND L68

FILE 'NTIS'
L81           0 L20 AND L69

FILE 'ESBIOBASE'
L82           3 L21 AND L70

FILE 'BIOTECHNO'
L83           1 L22 AND L71

FILE 'WPIDS'
L84           1 L23 AND L72

TOTAL FOR ALL FILES
L85          32 L24 AND L73

=> s linear dna
FILE 'MEDLINE'
         201876 LINEAR
         951803 DNA
L86        1522 LINEAR DNA
                (LINEAR(W)DNA)

FILE 'SCISEARCH'
         557171 LINEAR
```

```
        690757 DNA
L87       1222 LINEAR DNA
                 (LINEAR(W)DNA)

FILE 'LIFESCI'
          44495 "LINEAR"
         323973 "DNA"
L88       1018 LINEAR DNA
                 ("LINEAR"(W)"DNA")

FILE 'BIOTECHDS'
          8426 LINEAR
         167115 DNA
L89        507 LINEAR DNA
                 (LINEAR(W)DNA)

FILE 'BIOSIS'
         216039 LINEAR
        1272129 DNA
L90       1705 LINEAR DNA
                 (LINEAR(W)DNA)

FILE 'EMBASE'
         171563 "LINEAR"
         727617 "DNA"
L91       1241 LINEAR DNA
                 ("LINEAR"(W)"DNA")

FILE 'HCAPLUS'
         643627 LINEAR
         890203 DNA
L92       2236 LINEAR DNA
                 (LINEAR(W)DNA)

FILE 'NTIS'
          75333 LINEAR
          10119 DNA
L93           8 LINEAR DNA
                 (LINEAR(W)DNA)

FILE 'ESBIOBASE'
          77930 LINEAR
         333458 DNA
L94        652 LINEAR DNA
                 (LINEAR(W)DNA)

FILE 'BIOTECHNO'
          25959 LINEAR
         388151 DNA
L95        800 LINEAR DNA
                 (LINEAR(W)DNA)

FILE 'WPIDS'
         267616 LINEAR
          94037 DNA
L96        321 LINEAR DNA
                 (LINEAR(W)DNA)

TOTAL FOR ALL FILES
L97      11232 LINEAR DNA

=> s l24 and l97
```

```
FILE 'MEDLINE'
L98         44 L13 AND L86

FILE 'SCISEARCH'
L99         27 L14 AND L87

FILE 'LIFESCI'
L100        36 L15 AND L88

FILE 'BIOTECHDS'
L101        15 L16 AND L89

FILE 'BIOSIS'
L102        51 L17 AND L90

FILE 'EMBASE'
L103        36 L18 AND L91

FILE 'HCAPLUS'
L104        70 L19 AND L92

FILE 'NTIS'
L105         0 L20 AND L93

FILE 'ESBIOBASE'
L106        16 L21 AND L94

FILE 'BIOTECHNO'
L107        25 L22 AND L95

FILE 'WPIDS'
L108        15 L23 AND L96

TOTAL FOR ALL FILES
L109       335 L24 AND L97

=> s l109 not 2002-2008/py
FILE 'MEDLINE'
       3930231 2002-2008/PY
                 (20020000-20089999/PY)
L110        34 L98 NOT 2002-2008/PY

FILE 'SCISEARCH'
       7331961 2002-2008/PY
                 (20020000-20089999/PY)
L111        15 L99 NOT 2002-2008/PY

FILE 'LIFESCI'
        838463 2002-2008/PY
L112        27 L100 NOT 2002-2008/PY

FILE 'BIOTECHDS'
        160567 2002-2008/PY
L113         8 L101 NOT 2002-2008/PY

FILE 'BIOSIS'
       3584215 2002-2008/PY
L114        37 L102 NOT 2002-2008/PY

FILE 'EMBASE'
       3451515 2002-2008/PY
L115        28 L103 NOT 2002-2008/PY
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FILE 'HCAPLUS'
       7654240 2002-2008/PY
L116        52 L104 NOT 2002-2008/PY

FILE 'NTIS'
        104313 2002-2008/PY
L117         0 L105 NOT 2002-2008/PY

FILE 'ESBIOBASE'
       1998782 2002-2008/PY
L118         7 L106 NOT 2002-2008/PY

FILE 'BIOTECHNO'
        244553 2002-2008/PY
L119        24 L107 NOT 2002-2008/PY

FILE 'WPIDS'
       6212711 2002-2008/PY
L120         2 L108 NOT 2002-2008/PY

TOTAL FOR ALL FILES
L121       234 L109 NOT 2002-2008/PY

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                                                   ENTRY    SESSION
FULL ESTIMATED COST                                438.33     438.54

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